

CLAIMS:

1. Gas generating cell or battery consisting of several such cells, having a housing which has a cover (1), an anode cup (9) and a sealing ring (8) and which accommodates at least an anode, a cathode and a separator, characterized in that at least the cathode and the separator are accommodated in the cover (1) and in that, together with these elements and the sealing ring (8), the cover forms a preassembled unit for an insertion into to the anode cup (9).
2. Gas generating cell or battery according to Claim 1, characterized in that the cover (1) is constructed as a deep-drawn part made of sheet metal and has a cylindrical section (2) and a bottom (3) closing off the latter at one of its ends, around the center point of the bottom (3), in the case of a gas generating cell, a centric hole (4) being constructed, which permits the exiting of gas from the gas generating cell.
3. Gas generating cell or battery according to Claim 1 or 2, characterized in that the cylindrical section (2) is radially shaped toward the interior, and in that the sealing ring (8) is pressed over the flanged area (14), on the interior side, the sealing ring (8) having a groove (15) for receiving the flanged area.
4. Gas generating cell or battery according to one of the preceding claims, characterized in that the anode cup (10) is also constructed as a deep-drawn part made of sheet metal and is filled with an anode material (16), such as a zinc gel.
5. Gas generating cell or battery according to one of the preceding claims, characterized in that the anode cup (10) has a cylindrical jacket (11) in which a ring step (12) is constructed which has a slightly larger inside diameter than the outside diameter of the preassembled unit, so that the latter can be fitted from above into the anode cup (9), the edge of the anode cup (10), in the area above the ring step (12), being shaped toward the interior, so that a preassembled unit is framed by the anode cup.

6. Gas generating cell according to one of the preceding claims, characterized in that

a) a nickel foam (6), which covers the ring groove (5) and the bottom (3) inside the ring groove (6) (5?) and guides the gas to a hole (4) and

b) as the cathode, a cathode disk (7) with a separator coating adapted to the inside diameter of the cover (1),
are placed into the cover (1).

7. Method of producing a gas generating cell or battery, particularly according to one of the preceding claims, which has a housing comprising a cover (1), an anode cup (9) and a sealing ring (8), at least an anode, a cathode and a separator being arranged in the housing, characterized in that at least the cathode and the separator are placed into the cover, and in that a preassembled unit for an insertion into the anode cup (9) is formed of the cover with these elements and a sealing ring (8).